

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086746.D
 Acq On : 21 May 2025 21:06
 Operator : JC\MD
 Sample : Q2071-19 20X
 Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L2-WC-6-VOC

Quant Time: May 22 01:33:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

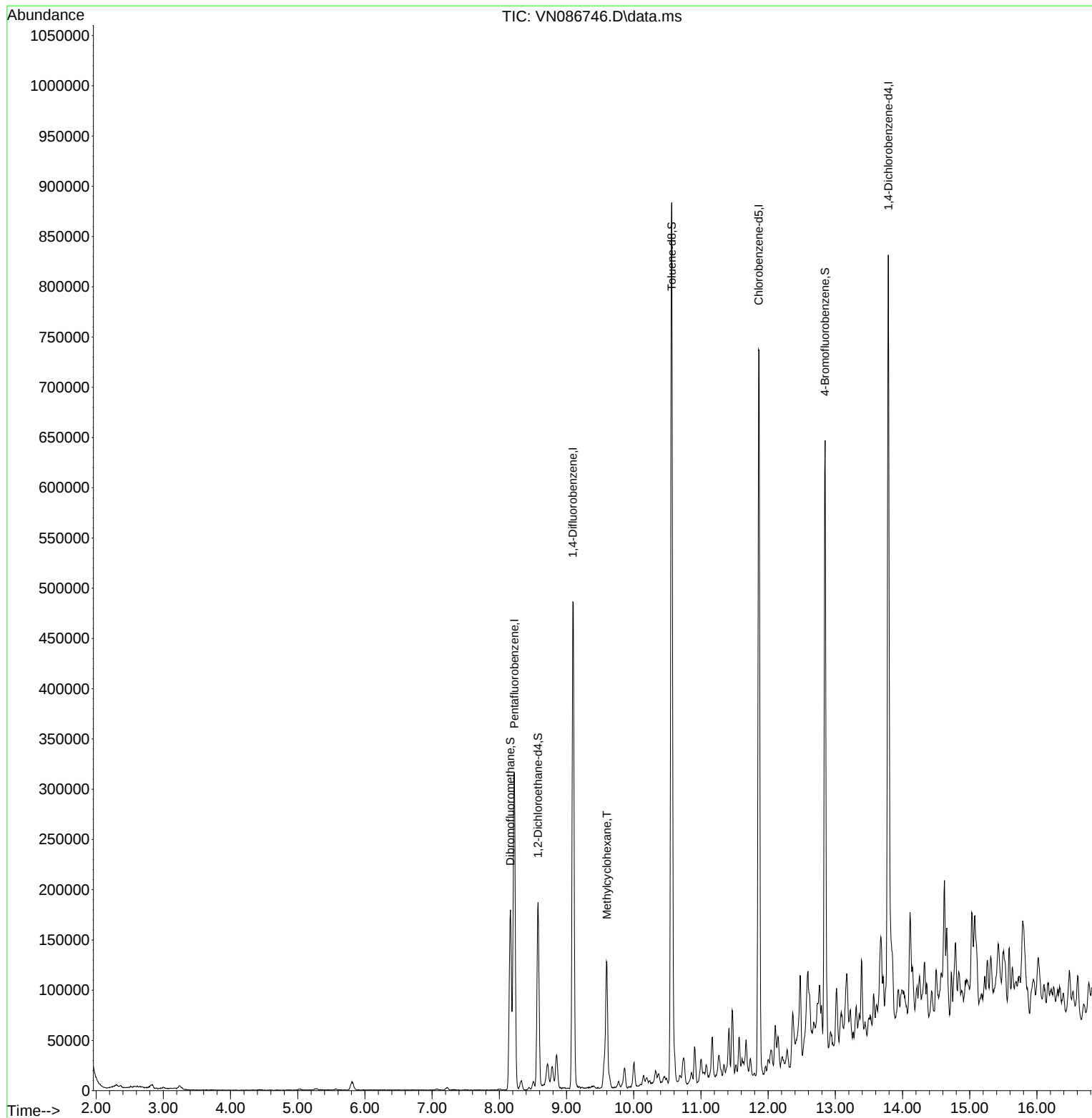
Internal Standards						
1) Pentafluorobenzene	8.224	168	250100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	461665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	462430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	214195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151589	43.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.720%		
35) Dibromofluoromethane	8.165	113	135769	49.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.760%		
50) Toluene-d8	10.565	98	607677	53.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.660%		
62) 4-Bromofluorobenzene	12.847	95	233849	58.127	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.260%		
Target Compounds						
39) Methylcyclohexane	9.600	83	60986	13.894	ug/l	Qvalue 97

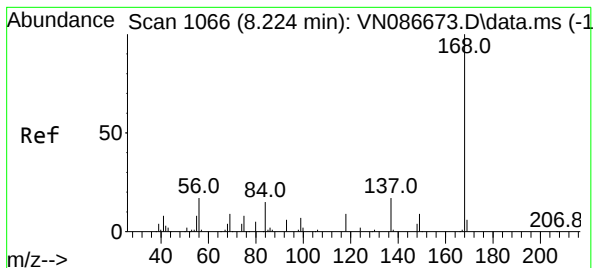
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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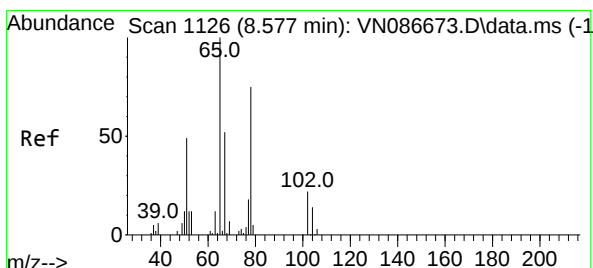
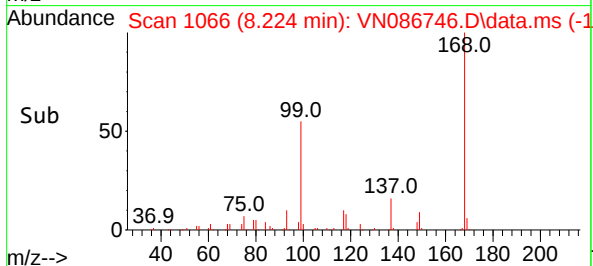
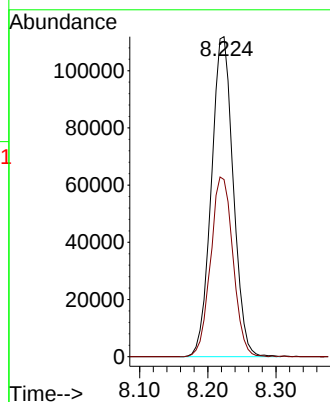
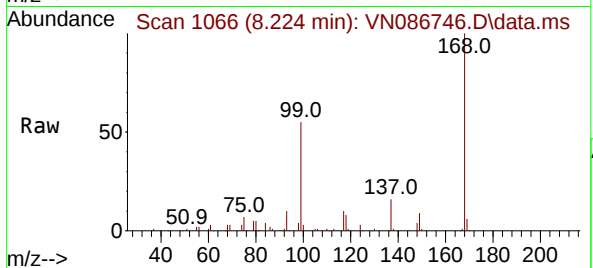




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086746.D
Acq: 21 May 2025 21:06

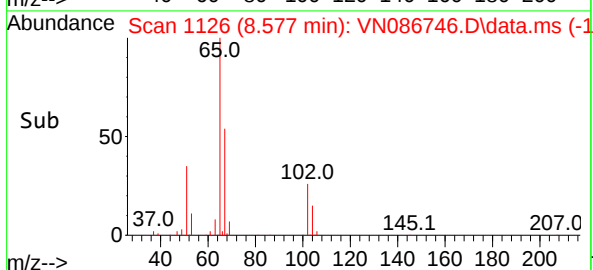
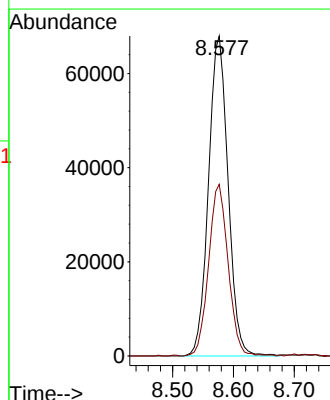
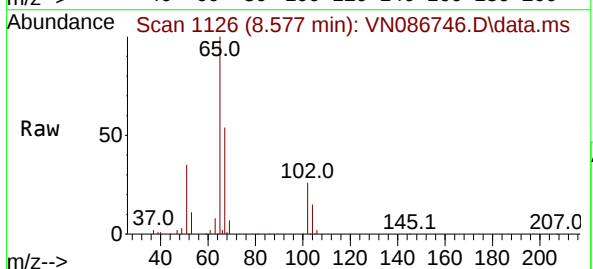
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

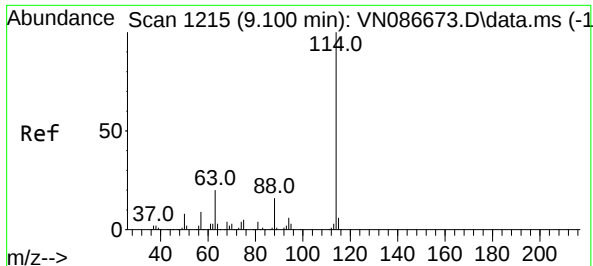
Tgt Ion:168 Resp: 250100
Ion Ratio Lower Upper
168 100
99 55.4 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 43.864 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086746.D
Acq: 21 May 2025 21:06

Tgt Ion: 65 Resp: 151589
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.4

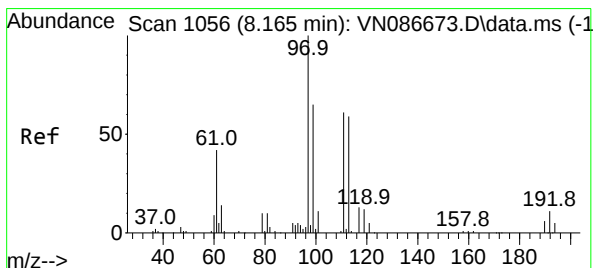
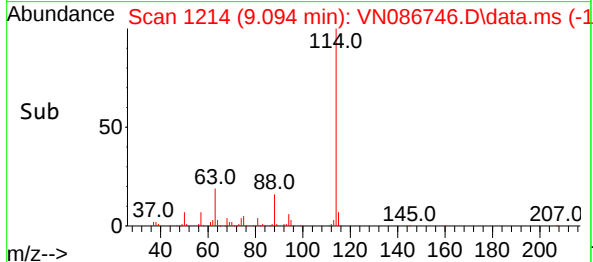
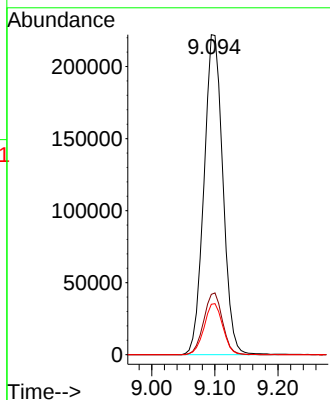
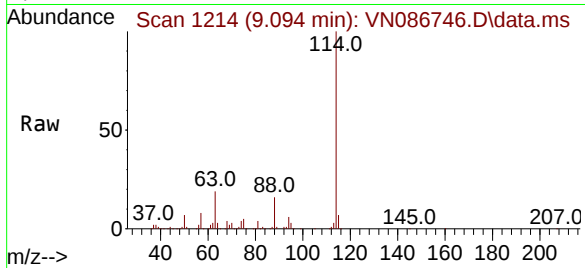




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086746.D
Acq: 21 May 2025 21:06

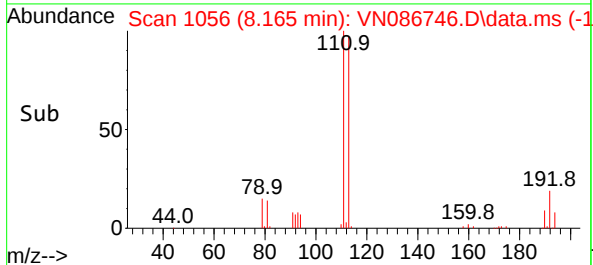
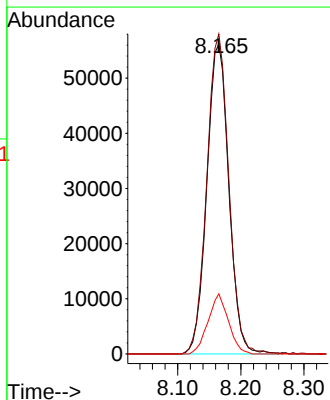
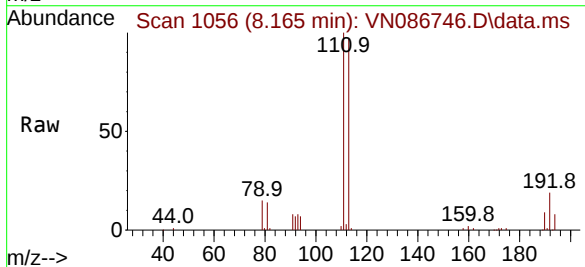
Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

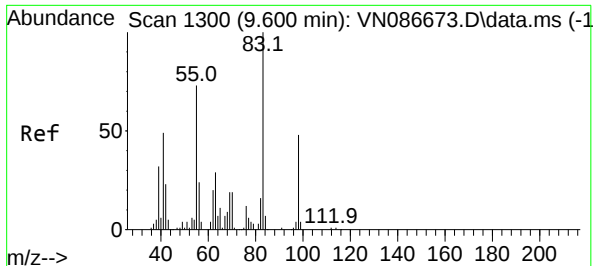
Tgt Ion:114 Resp: 461665
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.2
88 15.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.381 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086746.D
Acq: 21 May 2025 21:06

Tgt Ion:113 Resp: 135769
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.0 13.8 20.8





#39

Methylcyclohexane

Concen: 13.894 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086746.D

Acq: 21 May 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

L2-WC-6-VOC

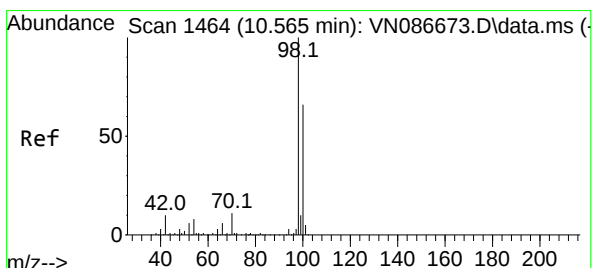
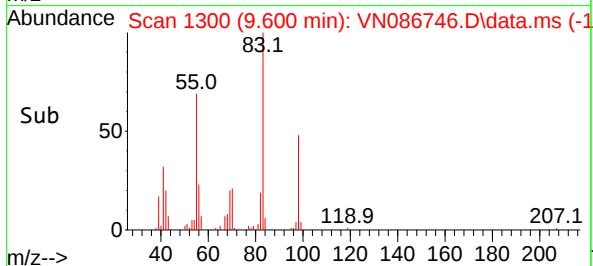
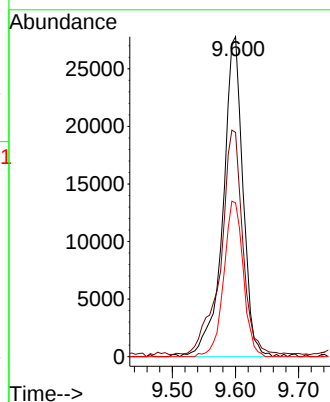
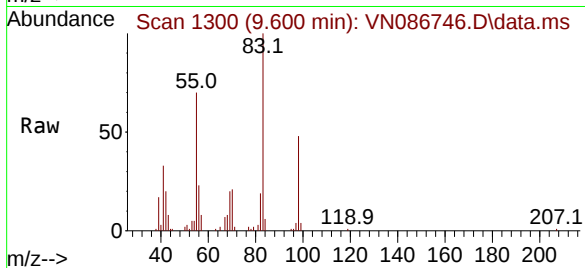
Tgt Ion: 83 Resp: 60986

Ion Ratio Lower Upper

83 100

55 69.2 58.2 87.4

98 48.1 38.4 57.6



#50

Toluene-d8

Concen: 53.335 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086746.D

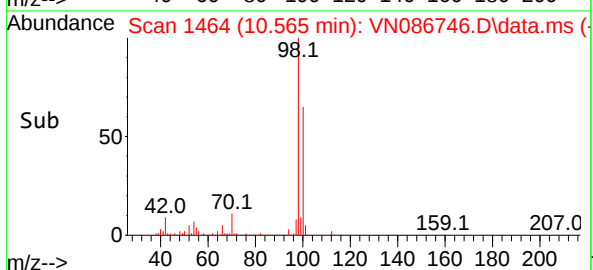
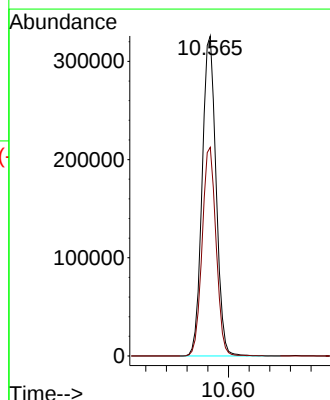
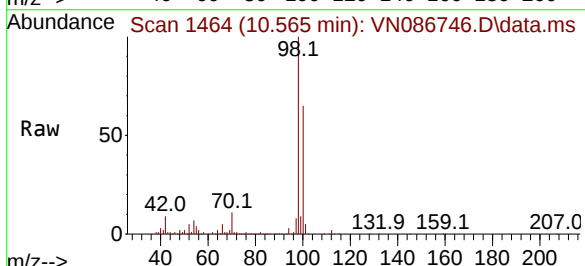
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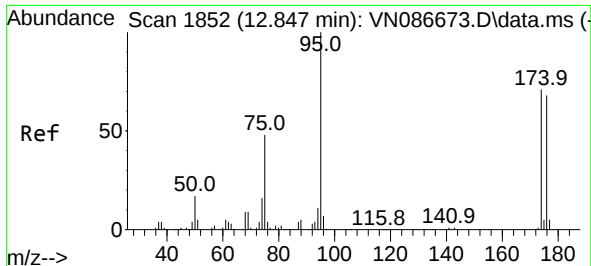
Tgt Ion: 98 Resp: 607677

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3

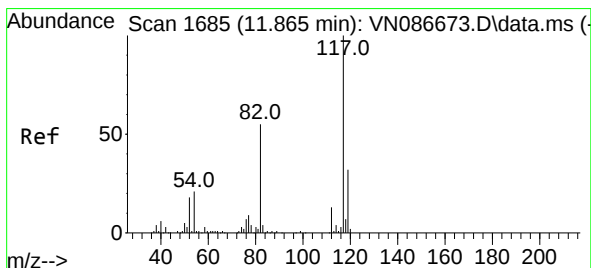
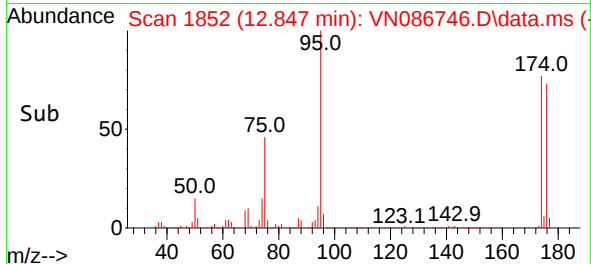
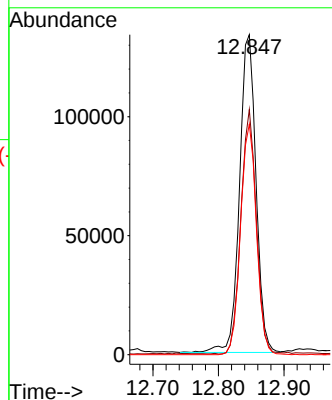
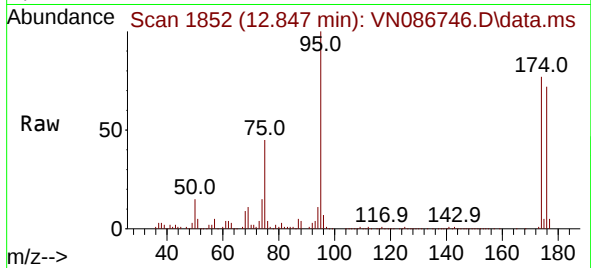




#62
4-Bromofluorobenzene
Concen: 58.127 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086746.D
Acq: 21 May 2025 21:06

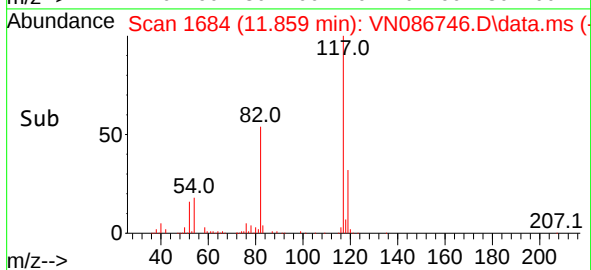
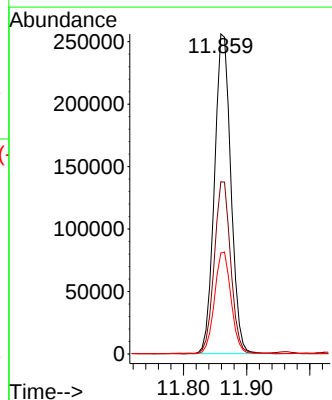
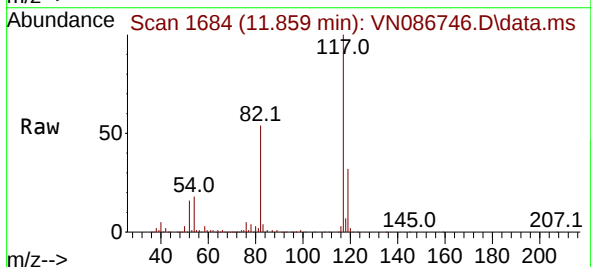
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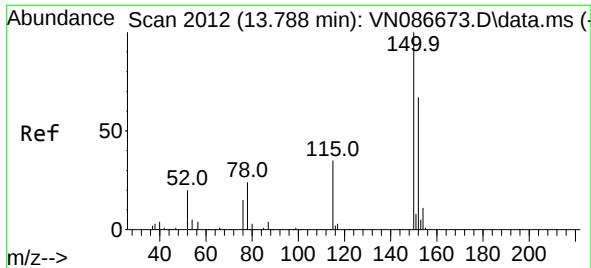
Tgt Ion: 95 Resp: 233849
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.4
176 70.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086746.D
Acq: 21 May 2025 21:06

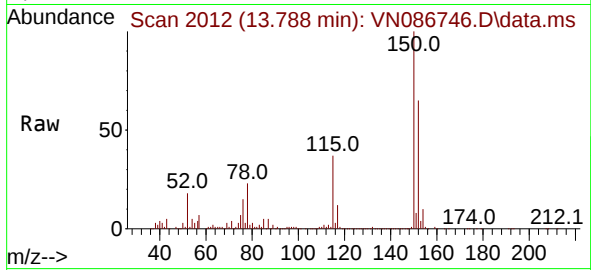
Tgt Ion: 117 Resp: 462430
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 31.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086746.D
 Acq: 21 May 2025 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 L2-WC-6-VOC



Tgt Ion:152 Resp: 214195
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.0 90.1
 150 153.8 0.0 347.8

